

**4715.0630 SPECIAL MATERIALS.**

Subpart 1. **Sheet lead.** Sheet lead for the following uses shall weigh not less than:

- A. general use, four pounds per square foot;
- B. safe pans, four pounds per square foot; and
- C. flashings for vent pipes, three pounds per square foot.

Subp. 2. **Lead bends and traps.** The walls of lead bends and traps shall be at least one-eighth inch thick.

Subp. 3. **Sheet copper.** Sheet copper for the following uses shall weigh not less than:

- A. general use, 12 ounces per square foot; and
- B. flashing for vent pipes, eight ounces per square foot.

Subp. 4. **Floor flanges.** Floor flanges for water closets or similar fixtures shall be not less than one-eighth inch thick for brass; one-fourth inch thick and not less than two inch caulking depth for cast iron or galvanized malleable iron.

If of hard lead, they shall weigh not less than one pound nine ounces, and be composed of lead alloy with not less than 7.75 percent antimony by weight. Flanges shall be soldered or threaded into other metal. Closet screws and bolts shall be of noncorrodible material.

Subp. 5. **Flush pipes and fittings.** Flush pipes and fittings shall be of nonferrous material. When of brass or copper tubing, the material shall be not less than No. 20 U.S. gauge.

Subp. 6. **Brass tubing traps and trap arms.** All brass tubing used for traps and trap arms shall be not less than 17 gauge (.045 inches) in thickness. Nuts used with brass tubing shall be of brass or other noncorrodible material.

Subp. 7. **Plastic tubular traps, plastic (ABS and PVC) tube and tubular fittings for waste connections.** All tubular fittings must comply with the requirements of ASTM Standard F 409.

**Statutory Authority:** *MS s 326.37 to 326.45; 326B.43 to 326B.49*

**History:** *L 2007 c 140 art 6 s 15; art 13 s 4*

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